



REPUBLIC AVIATION CORPORATION
FARMINGDALE, LONG ISLAND, NEW YORK
SERVICE DEPARTMENT

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CHECK FAN ASSEMBLY CAPSCREWS FOR TIGHTNESS

Due to recent cases of loosening of the fan assembly capscrews, the following check is recommended for all Seabees. Remove the grill from the front of the engine cowl and carefully inspect the eight (8) capscrews comprising the intermediate bolt circle. (See illustration on reverse side.) Check for broken lock tabs or tabs which do not firmly grip the screw heads. Of the four tabs at each screw head, two should be in firm engagement and two should be flat. If there is any indication of looseness in any screw, bend the two holding tabs away from the screw head, tighten the screw to a torque of 15 to 20 foot-pounds, and anchor the screw-head by bending up the two unused tabs. Under no circumstances should tabs be rebent because of the possibility of cracking.

CHECK FUEL PUMP ATTACHING CAPSCREWS FOR TIGHTNESS

Loosening up of the two (2) capscrews which attach the fuel pump results in loss of engine oil. As a precaution against this occurrence, the following is recommended for all Seabees. Check the fuel pump attaching capscrews on each fuel pump for tightness. If any looseness is found, check the condition of the lockwashers first. Replace broken or flattened lockwashers. After drawing the screws up tight, clean the surrounding area, run up the engine and recheck for oil leakage. If oil leakage continues, replace the gasket and repeat the check.

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